

Abstract

The subject of the invention is a process for the distributed management of a catalogue of objects in a communication network comprising devices, the process comprising the step of registering local objects present in a device in a local registry managed at the level of this device.

The process in accordance with the invention comprises the steps:

- of formulating, by a local object, a request for a list of objects, the request being transmitted to the single local registry of the device hosting the local object;
- of propagating the request through the local registry to distant registries;
- of collecting the responses to the request by the distant registries and the response of the local registry;
- of transmitting the responses collected to the local object having formulated the initial request.

The subject of the invention is also devices able to be connected to a network in which the above process is implemented.

The invention applies in particular within the context of home communication networks.

Fig. 4.

See B
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11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100